NILEDRIVE/QUICKNOTCH

Capt Greg Wrather

28 July 2004

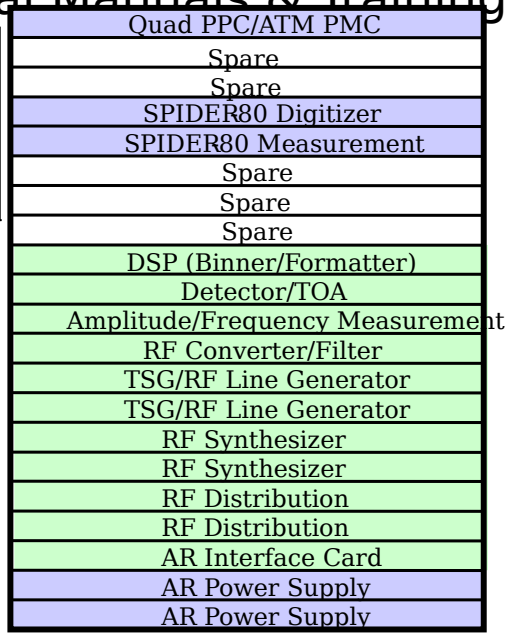
NILEDRIVE Contract

Contract Content

- HW: Mod 9 analysis receivers plus spares
- Software Mods
- * Ground Control Processor
- * PME-2 of RAS-1R
- * Shop Support Equipment
- Update Technical Manuals & Training

PME-2 Analysis Receiver for RAS-1R

Back Plane



Existing Components

ND HW Components

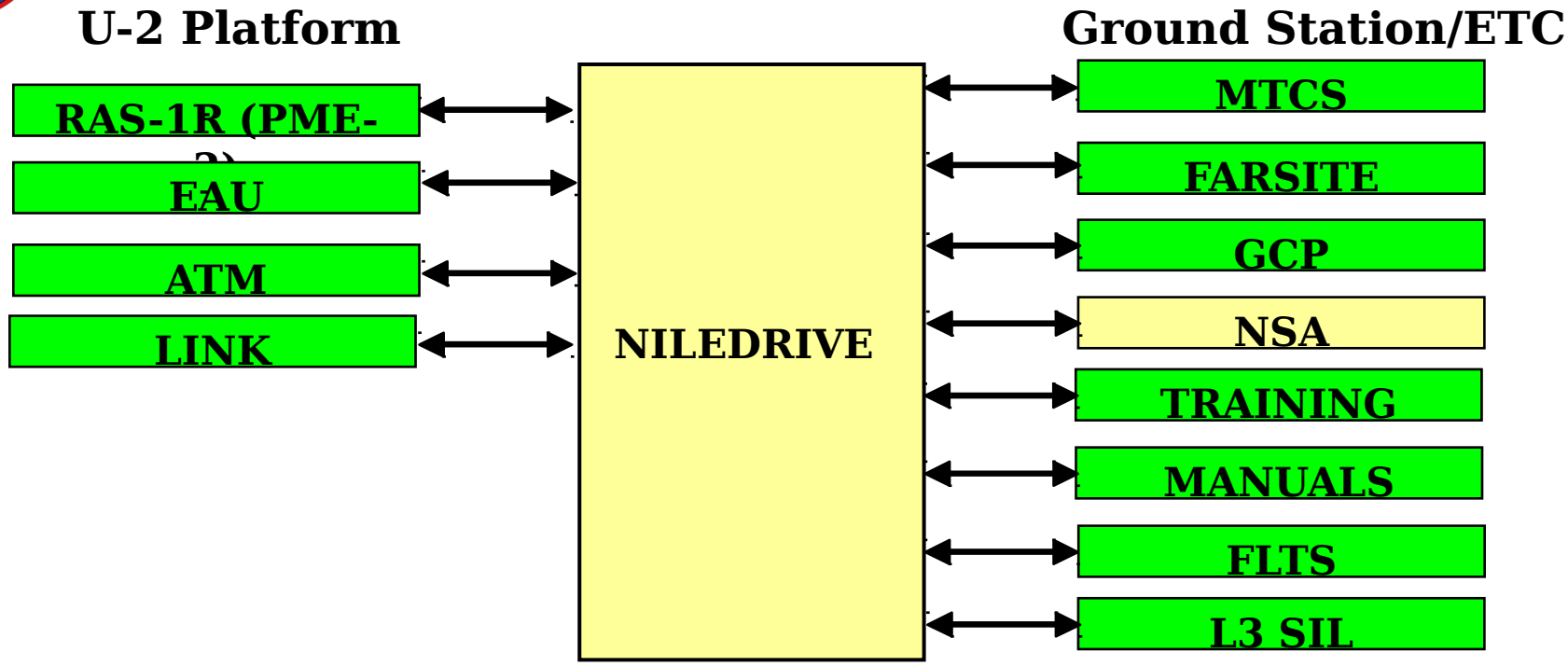
Contract Status

- **Contract Awarded: Feb 02**
- **CDR: Mar 03**
- **HW: 100% ordered, 70% delivered**
- **SW: 85% Complete**
- **System I&T: Oct 04 – Jan 05**
- **MISPE Compliance Testing: Jan 05**
- **Conversion/Fielding: May 05 - Mar 06**

Flight Testing

- Separate Effort with LM-Aero
- Separately Funded

NILEDRIVE STATUS

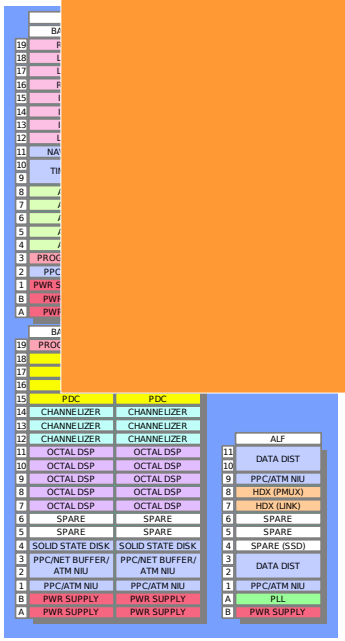


- **Linked to EAU for some testing at L3 and Flight-Testing at Palmdale**
- **FARSITE: Installation required prior to flight testing (Jan 05)**
- **NSA has agreed to look for required funding (~$1M) to pay for revised certification approach**

QUICKNOTCH Contract

Contract Content

- **SW mods to PME-1 and DGIF**
  - **FFIC**
  - **TAS**
  - **Type 40 (Bistatics)**
- **Added Scope**
  - **HW: 2 Workstations for Site 3**
  - **Type One Training**
  - **6 CPs**



Enhancements added to PME 1 SW baseline

Software Mods
- *** PME-1**
- *** DGIF**
- *** Shop Supt Eqip**
  - **Flight Line Test Set**
  - **Shop Maint Set**

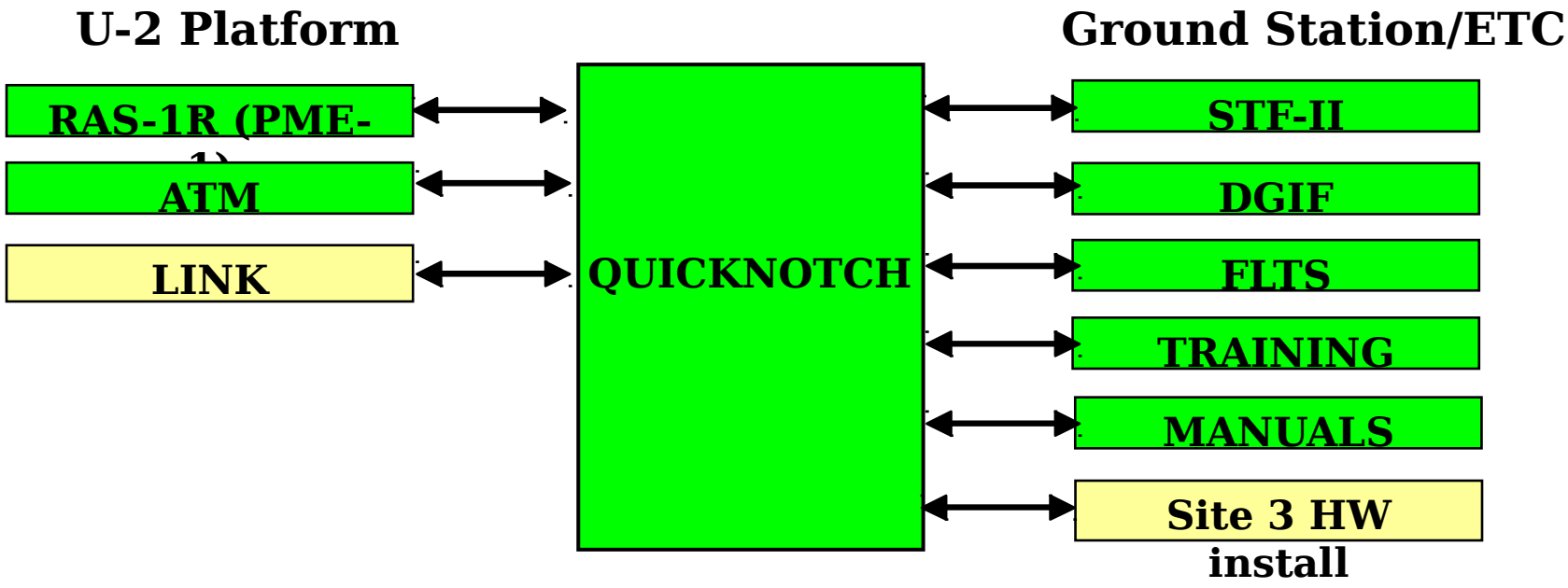
Tech Manuals

Training

Contract Status

- **Original Contract Scope:**
  - **Contract Awarded: Mar 02**
  - **Flt Testing: Completed (Nov 03)**
  - **Fielding: Completed (May 04)**
- **Added Scope**
  - **On Contract: Jun 04**
  - **Ship HW to Site 3: Sep 04**
  - **Conduct Training at Sites 1 & 2 (Sept 04)**

QUICKNOTCH STATUS



- **Link: TAS classification issue**
- **Need to schedule**
  - **Installation of HW at Site 3**
  - **Training at Sites 1 and 2**

QUICKNOTCH STATUS

ID	Task Name	Start	Finish
1	**QUICKNOTCH Follow-On**	**Apr 29 '04**	**Oct 29 '0**
2	Proposal Prep	Apr 29 '04	May 19 '04
3	**Milestones/Dependancies**	**Apr 29 '04**	**Aug 28 '0**
8	**PMO**	**Jun 21 '04**	**Oct 29 '0**
19	**Training**	**Jun 21 '04**	**Oct 13 '0**
20	**Training Material Development**	**Jul 5 '04**	**Sep 10 '04**
27	**Classroom Instruction**	**Aug 2 '04**	**Sep 30 '04**
28	Instructor Prep	Aug 2 '04	Aug 13 '04
29	DGS2 Training	Aug 30 '04	Sep 14 '04
30	DGS1 Training	Sep 15 '04	Sep 30 '04
31	**Lab Support**	**Aug 12 '04**	**Sep 30 '04**
36	**SE Management**	**Jun 21 '04**	**Oct 13 '0**
40	**Site 3 Hardware**	**Jun 25 '04**	**Oct 1 '0**
54	**Site 3 Software**	**Jul 2 '04**	**Sep 29 '04**
60	**CR Completion**	**Jun 21 '04**	**Oct 29 '0**
74	**Integrated Logistics Support**	**Jun 21 '04**	**Sep 3 '0**
91	**Cheetah Installation and Test**	**Sep 24 '04**	**Oct 22 '04**
92	Systems On-Site Test Support	Sep 24 '04	Oct 22 '04
93	Install Hardware in Exclusion Area	Sep 24 '04	Oct 22 '04
94	Install Cheetah CSCIs at site 3	Sep 24 '04	Oct 22 '04